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CLAIMS

What is claimed is:

1. A hip joint prosthesis comprising:  
a replacement ligamentum teres femoris.
2. The prosthesis according to claim 1, further comprising a replacement femoral head to which said replacement ligamentum teres femoris is attached.
3. The prosthesis according to claim 1, further comprising a replacement acetabular structure to which said replacement ligamentum teres femoris is attached.
4. The prosthesis according to claim 1, wherein said replacement ligamentum teres femoris comprises one attachment zone for attachment to a femoral head and at least one attachment zone to acetabular structure.
5. The prosthesis according to claim 2, wherein said replacement ligamentum teres femoris extends outwards from a portion of said replacement femoral head corresponding to a fovea of a natural femoral head.
6. The prosthesis according to claim 2, wherein said replacement femoral head extends from a stem insertable into a femur.
7. The prosthesis according to claim 6, wherein said stem comprises an alignment device adapted to orient said replacement femoral head in a predefined orientation.
8. The prosthesis according to claim 1, wherein said replacement ligamentum teres femoris is stretchable.